

XCEJ-296

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Chief, Security Division, OC

14 January 1953

Chief, Engineering Division, OC

Test and Evaluation of the [] Equipment

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1. The National Security Agency has offered the Central Intelligence Agency the use of the subject equipment for evaluation purposes. CIA evaluation would in no way attempt to prove the security aspects of the equipment but would consist of tests of an operational nature aimed toward proving overall stability. There are refinements to be made in the auto-alarm components before the [] can be finally approved for transmission of intelligence through TOP SECRET over an unsecured cable. Therefore, all CIA tests would be conducted over a secure cable installation. Arrangements to date have been on an informal basis, and it is believed advantageous that they be kept that way. [] and [] have been contacted directly and have tentatively agreed to effect the necessary liaison within NSA.

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2. The Office of Collection and Dissemination is being requested to cooperate in the tests. The Intellofax Library Reference System, which uses facsimile for delivering its end product, offers facilities for approximating a continuous work load for the []. At present all scanning and recording for the Intellofax System takes place in the Central Files, Machine Division, OCD, in Riverside Stadium. About 3/4 of the resulting copy is hand carried to the Library, OCD, in "M" Building. During 1952 a secure cable was installed between Riverside Stadium and "M" Building for telephone and facsimile purposes. Approximately 25 pairs of wires have been reserved for facsimile purposes, but to date no expansion of the Intellofax System has been effected, due mostly to a shortage of personnel. An expansion of the System at this time would afford facilities for accomplishing the dual purpose of testing the [] while actually handling a useful work load. Switching facilities would be made available for switching out the [] in cases of operational difficulties.

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3. The duration of the tests has not been definitely determined. NSA is agreeable to CIA retaining the equipment for approximately six months after which time they hope to have an improved model available for further tests.

4. There are certain requirements to be met by CIA before release of the subject equipment by NSA. These requirements consist in general of the following:

(A) Furnish facsimile equipment for use with the [] (To be furnished by OCD.)

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(B) Furnish one man of engineering calibre for six weeks training in the maintenance of the []. Training would be continuous and would take place at NSA. (To be furnished by Engineering Division, Office of Communications).

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(C) Furnish two men for a two day training period in the operation of the [] In all probability these men will come from OCD and will be the same personnel who are now operating the Intellofax equipment. 50X1

(D) Furnish exact locations for the proposed installation and specify storage security available for equipment and keying cypher material. Keying cypher material has to be stored in a three combination safe.

(E) Insure necessary clearances for all personnel involved.

5. It is requested that OC-S effect the necessary liaison between CIA and NSA concerning the training and clearance of personnel. It is further requested that OC-S insure the security and storage provisions for the keying cypher material of the subject equipment.

6. NSA has indicated that they are willing to start the training period for a maintenance man during the first two weeks in January, and that, in all probability, the equipment could be released to CIA by 1 March 1953.

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OC-E/ VEB:jcp (14 January 1953)

cc: OC-E
VEB ✓
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